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Terms	Documents
triethanolamine adj10 (oleanolic or ursolic or betulinic)	3

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L2

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Set Name Query
side by side**Hit Count Set Name**
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<u>L2</u>	triethanolamine adj10 (oleanolic or ursolic or betulinic)	3	<u>L2</u>
<u>L1</u>	triethanolamine adj5 (oleanolic or ursolic or betulinic)	3	<u>L1</u>

END OF SEARCH HISTORY

[First Hit](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)[Generate Collection](#)[Print](#)

L3: Entry 4 of 15

File: PGPB

Aug 22, 2002

DOCUMENT-IDENTIFIER: US 20020115609 A1

TITLE: Materials and methods for making improved micelle compositions

Detail Description Paragraph:

[0128] Results indicated that progesterone (essentially insoluble in water as discussed above) in 10 mg/ml DSPE-PEG was soluble up to 198.5 .mu.g/ml. This result was consistent with results using betulinic acid, sparingly soluble in water (see Merck Index, 12th Edition, p. 1213), which was soluble up to 200 .mu.g/ml in 10 mg/ml DSPE-PEG. In similar experiments with betulinic acid (also insoluble as defined in USP), solubility was calculated at 250 .mu.g/ml in either SSM or SSC.

[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

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L3: Entry 7 of 15

File: USPT

Jan 3, 2006

DOCUMENT-IDENTIFIER: US 6982284 B1

TITLE: Compositions and methods for modification of skin lipid content

Brief Summary Text (50):

As discussed below, because ursolic acid compounds are highly insoluble in many solvents, including water, administration of such compounds in liposomes is a particularly preferred embodiment of the invention.

Description Paragraph (17):

Liposomal formulations are preferred because ursolic acid is highly insoluble in many solvents, particularly water, and common emulsifiers such as LECINOL S-10 have little effect. In accordance with the invention, this insolubility problem is addressed by taking advantage of the flat, planar structure of ursolic acid to stack it between the lipid tails in the phospholipid bilayer membranes of liposomes. Due to the charged headgroup of the phospholipids, liposomes containing ursolic acid are readily soluble in water.

[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

Refine Search

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents
(ursolic or betulinic or oleanolic) adj15 (alkal\$ adj3 solub\$)	1

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<u>L6</u>	(ursolic or betulinic or oleanolic) adj15 (alkal\$ adj3 solub\$)	1	<u>L6</u>
<u>L5</u>	(ursolic or betulinic or oleanolic) adj10 (alkal\$ adj3 solub\$)	1	<u>L5</u>
<u>L4</u>	(ursolic or betulinic or oleanolic) adj5 (alkal\$)	17	<u>L4</u>
<u>L3</u>	(ursolic or betulinic or oleanolic) adj5 (insoluble or sol\$)	15	<u>L3</u>
<u>L2</u>	(ursolic or betulinic or oleanolic) same liposome same base	0	<u>L2</u>
<u>L1</u>	(ursolic or betulinic or oleanolic) same liposome	116	<u>L1</u>

END OF SEARCH HISTORY